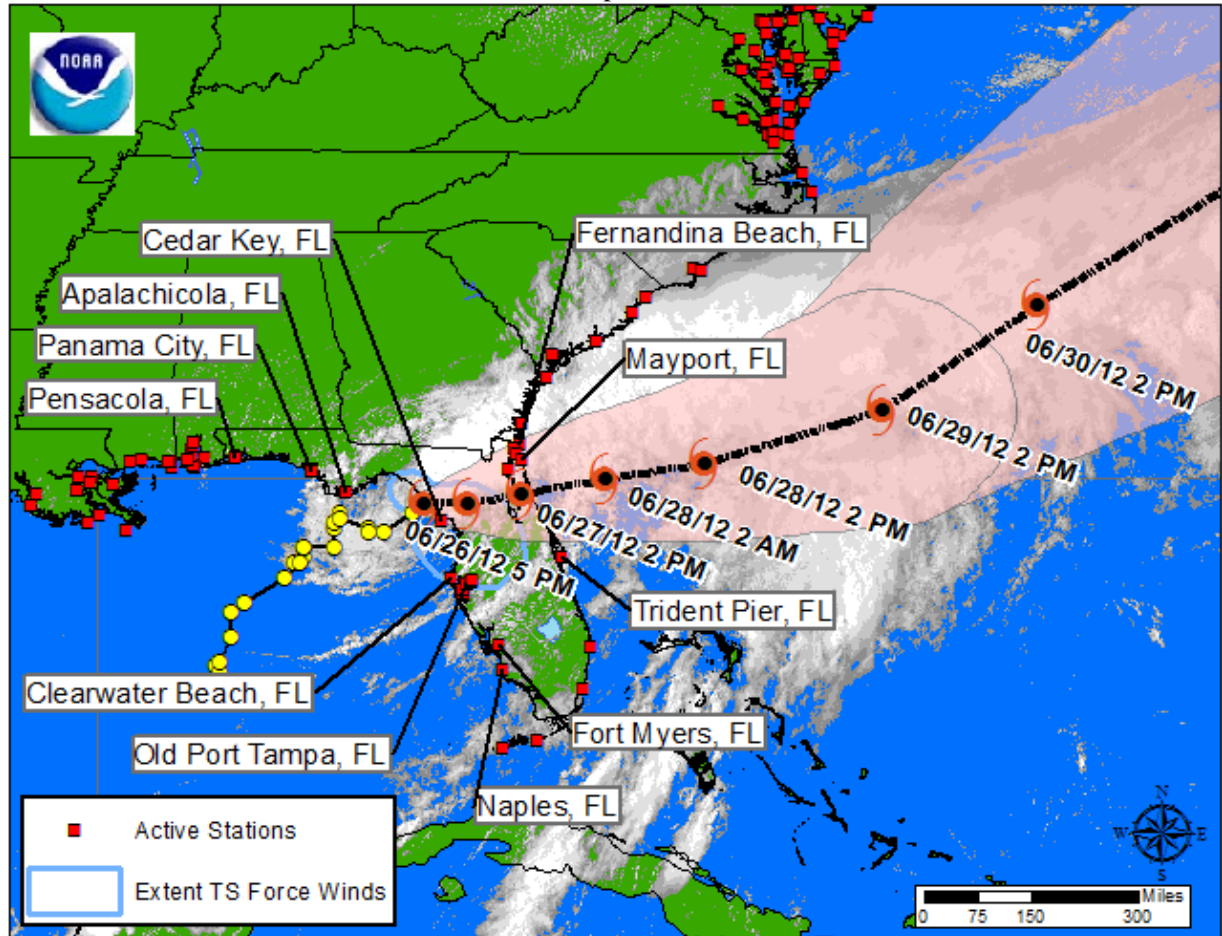




Tropical Storm DEBBY QuickLook  
Posted: 18:00 EDT 06/26/2012

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/26/2012 18:00 EDT, water levels along western Florida remain elevated. Water levels from Cedar Key, FL eastward to Naples, FL range from 1.7 to 3.0 feet above tidal predictions. Water levels from Apalachicola, FL westward are falling and range from 1.2 to 1.7 feet above tidal predictions. Water level stations along the central eastern to north-eastern Florida coast are at or near predicted levels.

Winds are 20 to 25 knots from Cedar Key to Old Port Tampa with gusts up to 30 knots. Winds range from 5-20 knots elsewhere including west Apalachicola, FL, south of Ft. Myers, FL and north of Trident Pier, FL.

Barometric pressure continues to fall from Cedar Key, FL eastward to Naples, FL. Barometric pressure is rising from Apalachicola, FL westward. Barometric pressure is falling from Trident Pier, FL northward.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Tropical Storm DEBBY QuickLook, POSTED 18:00 EDT 06/26/2012

Cedar Key, FL: Next predicted high tides are 3.2 ft (0.97 m) at 06/26/2012 19:35 EDT and 3.8 ft (1.17 m) at 06/27/2012 08:05 EDT.

Clearwater Beach, FL: Next predicted high tides are 2.6 ft (0.78 m) at 06/27/2012 05:58 EDT and 1.9 ft (0.57 m) at 06/27/2012 18:49 EDT.

Old Port Tampa, FL: Next predicted high tides are 1.9 ft (0.57 m) at 06/26/2012 20:25 EDT and 2.3 ft (0.71 m) at 06/27/2012 09:12 EDT.

Fort Myers, FL: Next predicted high tides are 1.1 ft (0.33 m) at 06/26/2012 21:44 EDT and 1.3 ft (0.41 m) at 06/27/2012 10:35 EDT.

Naples, FL: Next predicted high tides are 2.2 ft (0.68 m) at 06/26/2012 18:11 EDT and 2.8 ft (0.85 m) at 06/27/2012 06:51 EDT.

Trident Pier, FL: Next predicted high tides are 3.3 ft (1.00 m) at 06/27/2012 01:46 EDT and 3.6 ft (1.11 m) at 06/27/2012 14:37 EDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 4.5 ft (1.36 m) at 06/27/2012 02:34 EDT and 4.7 ft (1.46 m) at 06/27/2012 15:21 EDT.

Fernandina Beach, FL: Next predicted high tides are 5.9 ft (1.79 m) at 06/27/2012 02:49 EDT and 6.2 ft (1.91 m) at 06/27/2012 15:34 EDT.

Apalachicola, FL: Next predicted high tides are 1.1 ft (0.34 m) at 06/26/2012 21:57 EDT and 1.6 ft (0.51 m) at 06/27/2012 10:04 EDT.

Panama City, FL: Next predicted high tides are 1.1 ft (0.34 m) at 06/27/2012 05:58 CDT and 1.3 ft (0.41 m) at 06/28/2012 06:10 CDT.

Pensacola, FL: Next predicted high tides are 1.1 ft (0.32 m) at 06/27/2012 06:58 CDT and 1.3 ft (0.39 m) at 06/28/2012 07:04 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:KG

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SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

TROPICAL STORM DEBBY ADVISORY NUMBER 14  
500 PM EDT TUE JUN 26 2012

...DEBBY MAKES LANDFALL NEAR STEINHATCHEE...COASTAL AND INLAND  
FLOODING THREATS REMAIN...

WATCHES AND WARNINGS

-----  
CHANGES WITH THIS ADVISORY...

THE TROPICAL STORM WARNING IN THE FLORIDA PANHANDLE AND FLORIDA BIG BEND FROM MEXICO BEACH TO WEST OF STEINHATCHEE HAS BEEN DISCONTINUED.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

\* THE FLORIDA GULF COAST FROM STEINHATCHEE TO ENGLEWOOD

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK  
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NATIONAL WEATHER SERVICE DOPPLER RADAR DATA INDICATE THAT DEBBY HAS MADE LANDFALL NEAR STEINHATCHEE FLORIDA.

AT 500 PM EDT...THE CENTER OF TROPICAL STORM DEBBY WAS LOCATED ON THE COAST NEAR LATITUDE 29.5 NORTH...LONGITUDE 83.4 WEST.

DEBBY IS MOVING TOWARD THE EAST-NORTHEAST NEAR 6 MPH.

DEBBY HAS BEEN MOVING SLIGHTLY FASTER TOWARD THE EAST-NORTHEAST NEAR 6 MPH. AN EASTWARD OR EAST-NORTHEASTWARD MOTION WITH SOME FURTHER INCREASE IN FORWARD SPEED IS EXPECTED DURING THE NEXT COUPLE OF DAYS.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 40 MPH...WITH HIGHER GUSTS. DEBBY IS EXPECTED TO WEAKEN TO A TROPICAL DEPRESSION TONIGHT.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 175 MILES...MAINLY TO THE SOUTHEAST OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 995 MB.

HAZARDS AFFECTING LAND  
-----

WIND...TROPICAL STORM CONDITIONS WILL CONTINUE OVER PORTIONS OF THE FLORIDA GULF COAST THROUGH THIS EVENING.

STORM SURGE...EVEN THOUGH DEBBY CONTINUES TO SLOWLY WEAKEN...COASTAL FLOODING WILL CONTINUE DURING THE NEXT DAY OR TWO DUE TO PERSISTENT ONSHORE WINDS. THE COMBINATION OF A STORM SURGE AND THE TIDE WILL CAUSE AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS DURING THE NEXT HIGH TIDE THIS EVENING...WITH LEVELS SIMILAR TO THOSE THAT OCCURRED ON MONDAY. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND...

APALACHEE BAY AND THE NATURE COAST...2 TO 4 FT SOUTH OF THE NATURE COAST INCLUDING TAMPA BAY...1 TO 3 FT

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST IN AREAS OF ONSHORE FLOW. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...DEBBY IS EXPECTED TO PRODUCE ADDITIONAL RAIN ACCUMULATIONS OF 4 TO 8 INCHES OVER NORTHERN FLORIDA AND EXTREME SOUTHEASTERN GEORGIA THROUGH WEDNESDAY EVENING...WITH ISOLATED RAINFALL TOTALS AS HIGH AS 10 INCHES. ISOLATED STORM TOTAL AMOUNTS OF 25 INCHES ARE POSSIBLE IN NORTHERN FLORIDA.

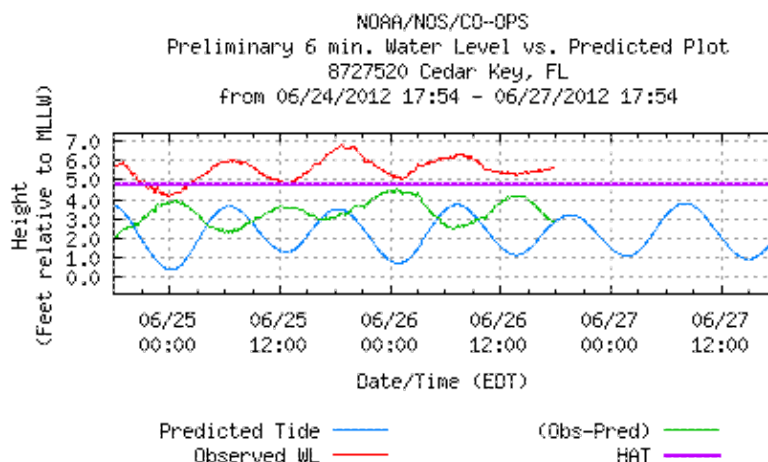
TORNADOES...ISOLATED TORNADOES ARE POSSIBLE ACROSS THE FLORIDA PENINSULA TONIGHT.

FORECASTER KIMBERLAIN/FRANKLIN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Old Port Tampa - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#),

Cedar Key, FL - Return to List

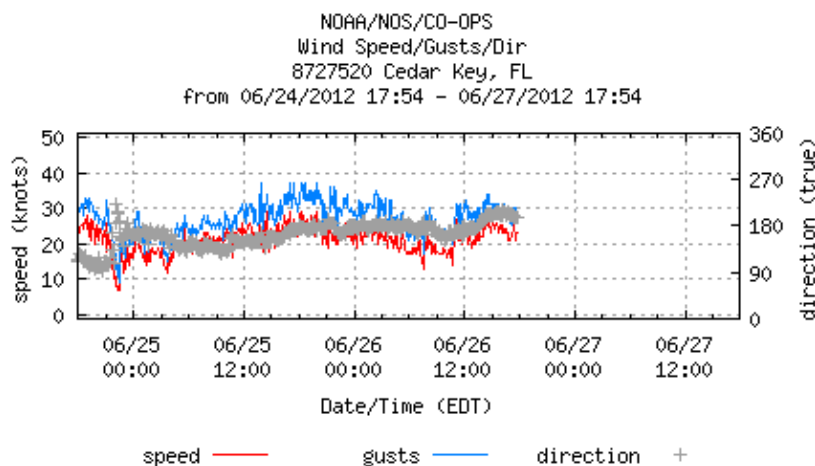


Last Observed Sample: 06/26/2012 17:42 (EDT)

Relative to MLLW: **Observed: 5.61 ft.** **Predicted: 2.76 ft.** **Residual: 2.85 ft.**

Historical Maximum Water Level: Oct 7 1996, 5.15 ft. above MHHW

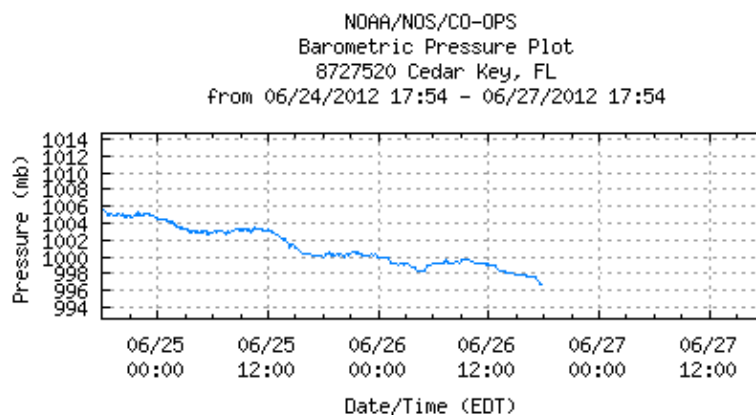
Cedar Key, FL - Return to List



Last Observed Sample: 06/26/2012 17:42 (EDT)

**Wind Speed: 23 knots** **Gusts: 27 knots** **Direction: 196° T**

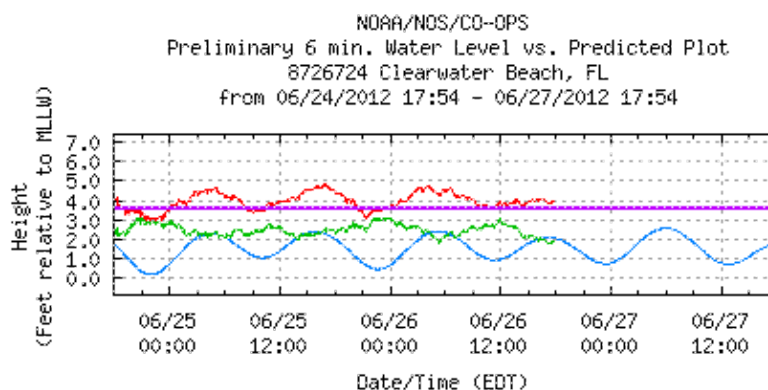
Cedar Key, FL - Return to List



Last Observed Sample: 06/26/2012 17:42 (EDT)

Barometric Pressure: 996.8 mb

Clearwater Beach, FL - Return to List

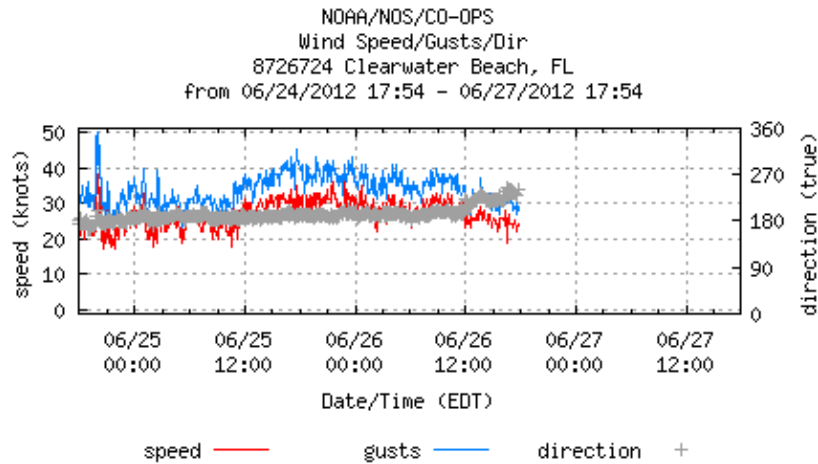


Last Observed Sample: 06/26/2012 17:42 (EDT)

Relative to MLLW: **Observed: 3.93 ft.** **Predicted: 2.07 ft.** **Residual: 1.86 ft.**

Historical Maximum Water Level: Mar 13 1993, 4 ft. above MHHW

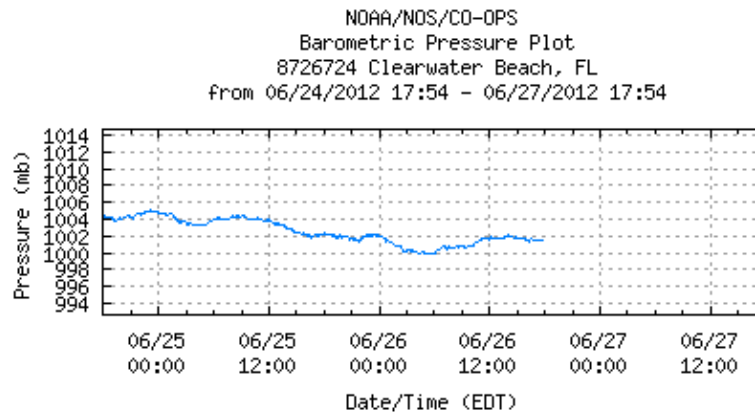
Clearwater Beach, FL - Return to List



Last Observed Sample: 06/26/2012 17:42 (EDT)

Wind Speed: 24 knots Gusts: 28 knots Direction: 241° T

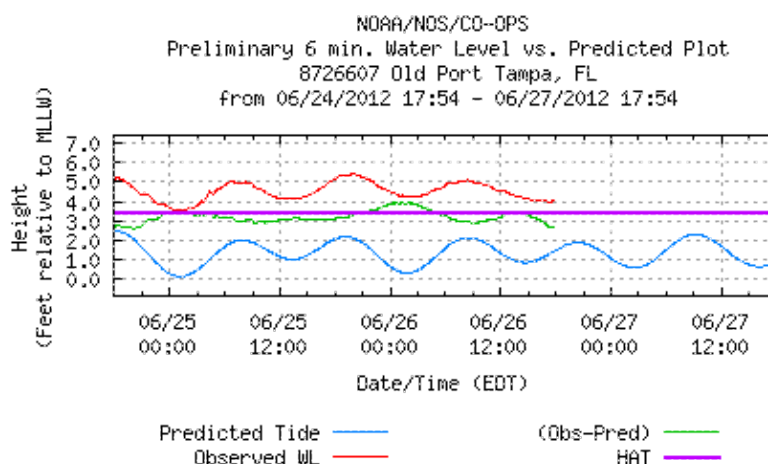
Clearwater Beach, FL - Return to List



Last Observed Sample: 06/26/2012 17:42 (EDT)

Barometric Pressure: 1001.5 mb

Old Port Tampa, FL - Return to List

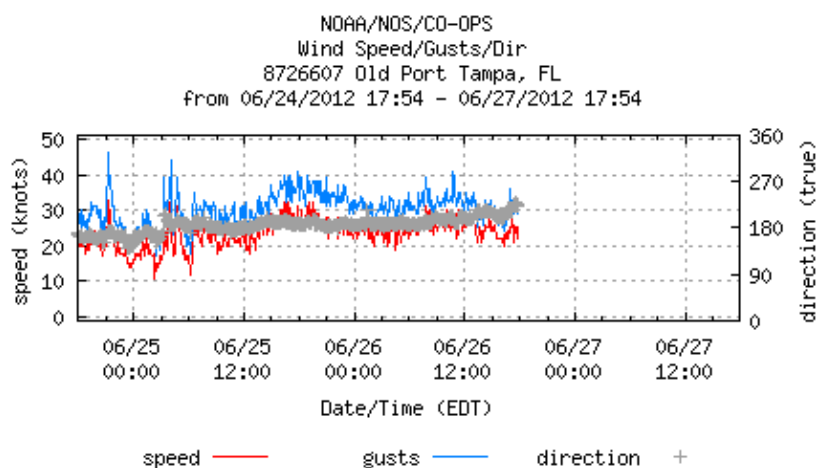


Last Observed Sample: 06/26/2012 17:48 (EDT)

Relative to MLLW: **Observed: 4.06 ft.** **Predicted: 1.43 ft.** **Residual: 2.63 ft.**

Historical Maximum Water Level: Oct 8 1996, 3.6 ft. above MHHW

Old Port Tampa, FL - Return to List

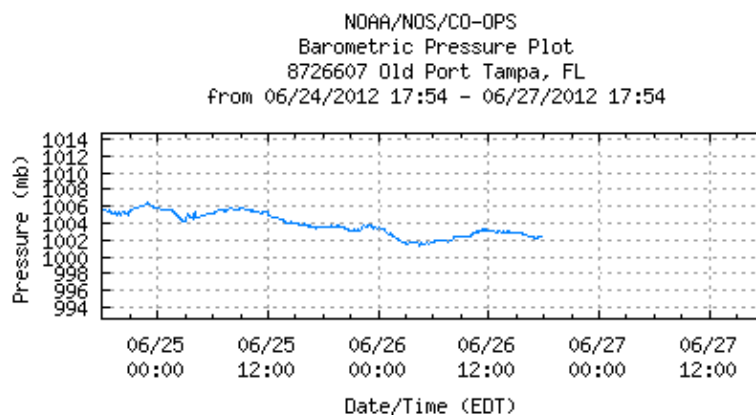


Last Observed Sample: 06/26/2012 17:48 (EDT)

**Wind Speed: 22 knots** **Gusts: 29 knots** **Direction: 227° T**



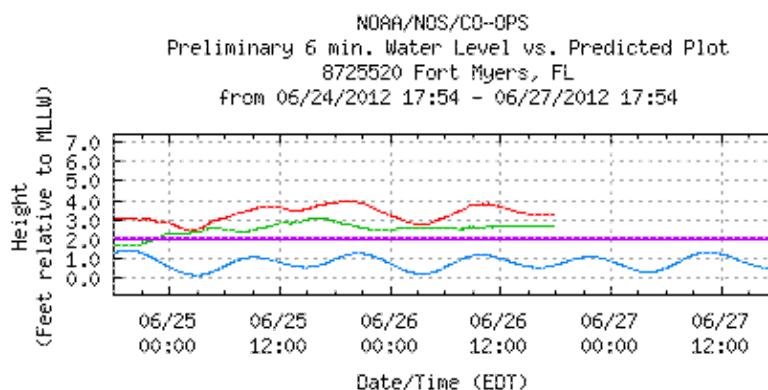
Old Port Tampa, FL - Return to List



Last Observed Sample: 06/26/2012 17:48 (EDT)

Barometric Pressure: 1002.4 mb

Fort Myers, FL - Return to List



Predicted Tide —

Observed WL —

(Obs-Pred) —

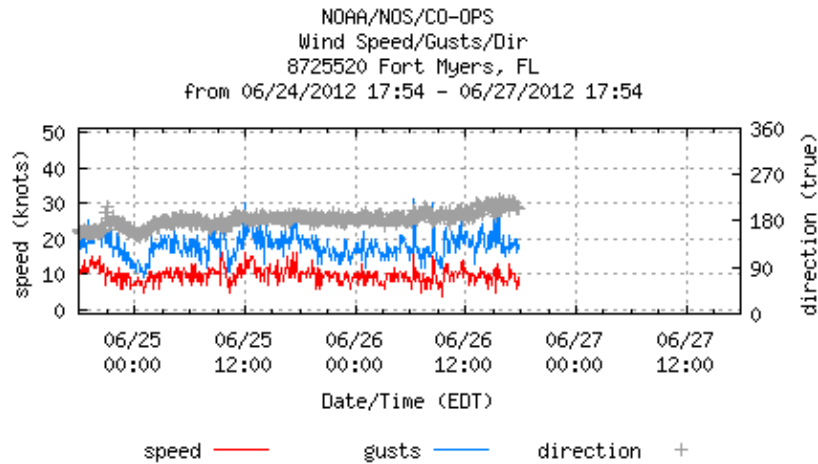
HAT —

Last Observed Sample: 06/26/2012 17:48 (EDT)

Relative to MLLW: **Observed: 3.30 ft.** **Predicted: 0.64 ft.** **Residual: 2.66 ft.**

Historical Maximum Water Level: Nov 23 1988, 3.41 ft. above MHHW

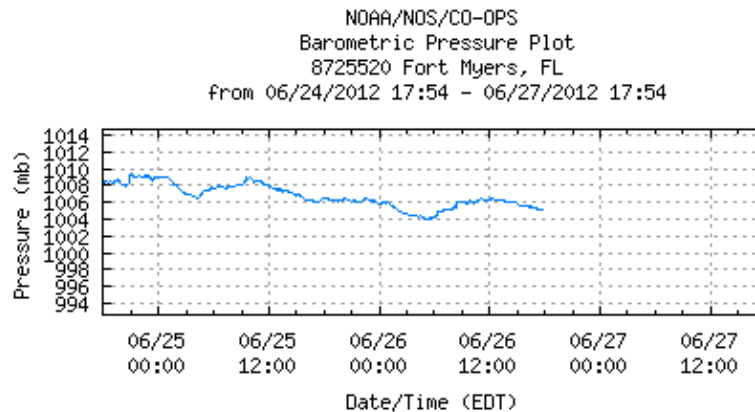
Fort Myers, FL - Return to List



Last Observed Sample: 06/26/2012 17:48 (EDT)

Wind Speed: 9 knots Gusts: 17 knots Direction: 205° T

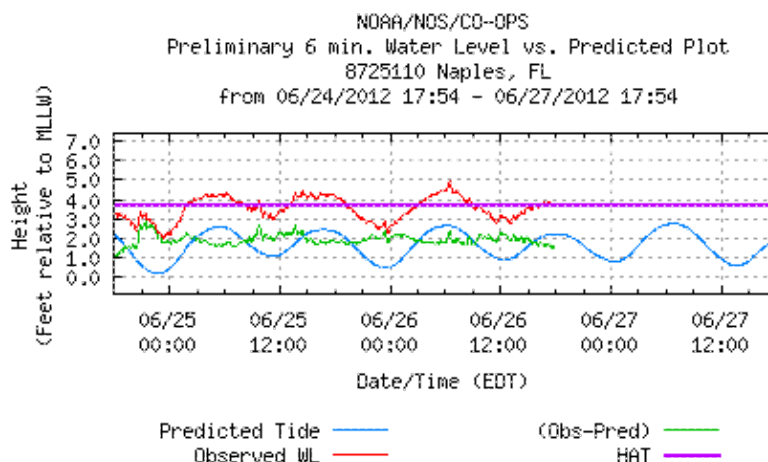
Fort Myers, FL - Return to List



Last Observed Sample: 06/26/2012 17:48 (EDT)

Barometric Pressure: 1005.2 mb

[Naples, FL - Return to List](#)

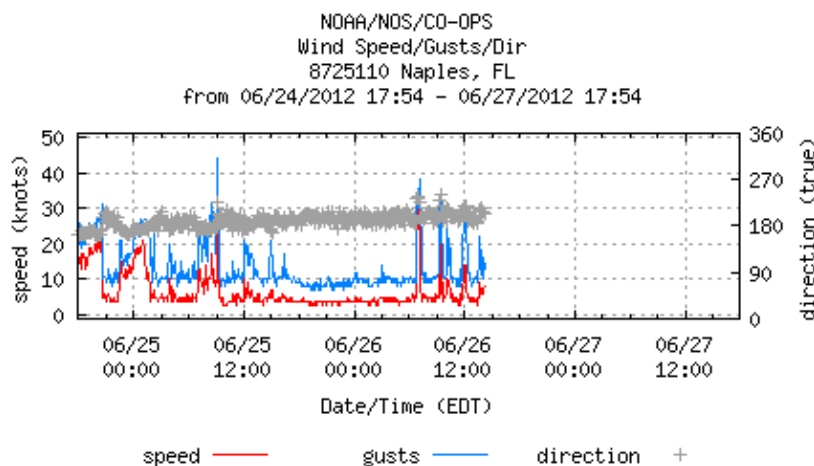


Last Observed Sample: 06/26/2012 17:48 (EDT)

Relative to MLLW: **Observed: 3.72 ft.** **Predicted: 2.22 ft.** **Residual: 1.50 ft.**

Historical Maximum Water Level: Dec 21 1972, 3.11 ft. above MHHW

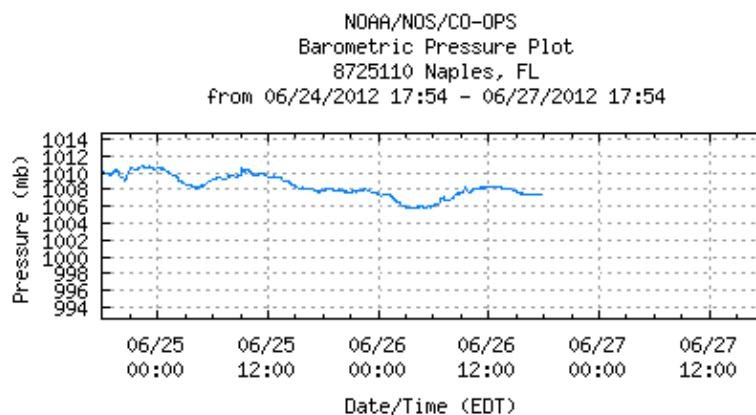
[Naples, FL - Return to List](#)



Last Observed Sample: 06/26/2012 14:12 (EDT)

**Wind Speed: 8 knots** **Gusts: 13 knots** Direction: 204° T

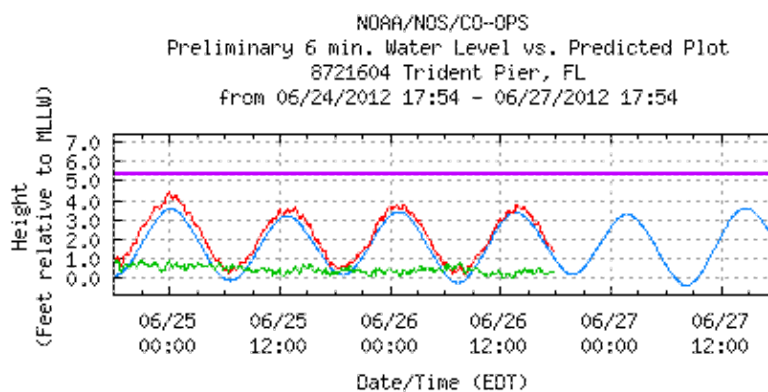
Naples, FL - Return to List



Last Observed Sample: 06/26/2012 17:48 (EDT)

Barometric Pressure: 1007.4 mb

Trident Pier, FL - Return to List

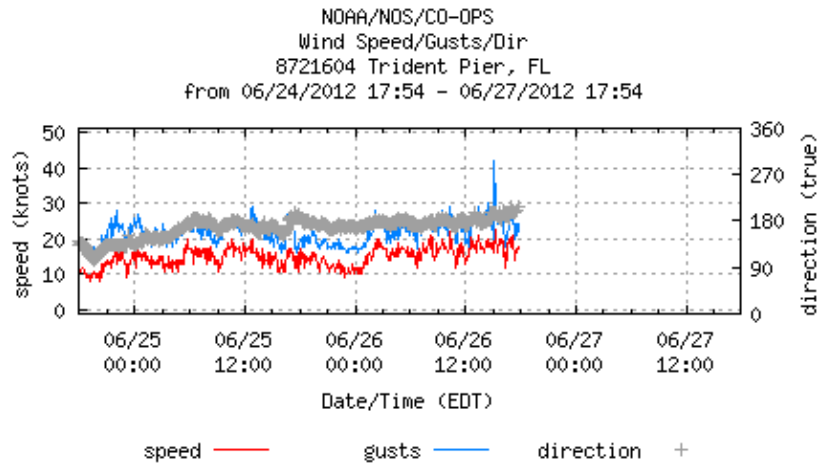


Last Observed Sample: 06/26/2012 17:42 (EDT)

Relative to MLLW: **Observed: 1.44 ft.** **Predicted: 1.10 ft.** **Residual: 0.34 ft.**

Historical Maximum Water Level: Sep 26 2004, 4.01 ft. above MHHW

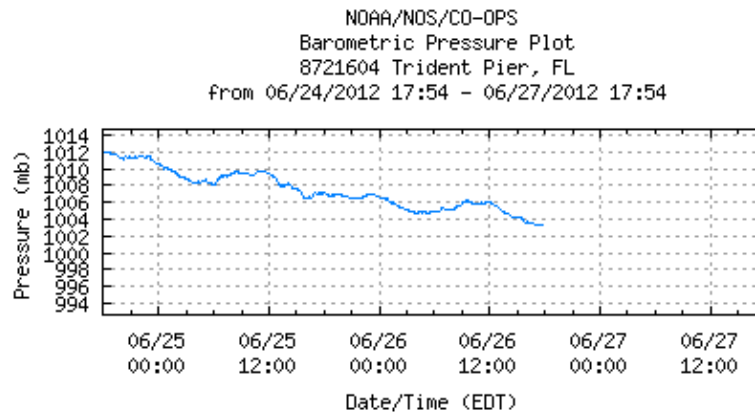
[Trident Pier, FL - Return to List](#)



Last Observed Sample: 06/26/2012 17:48 (EDT)

Wind Speed: 18 knots Gusts: 24 knots Direction: 209° T

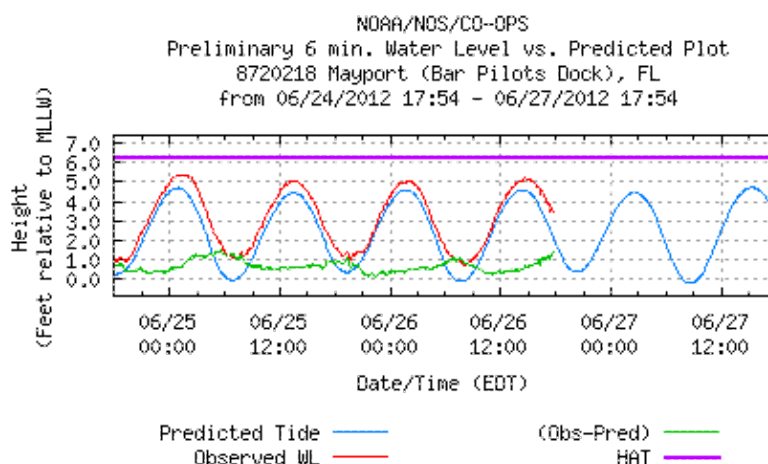
[Trident Pier, FL - Return to List](#)



Last Observed Sample: 06/26/2012 17:48 (EDT)

Barometric Pressure: 1003.4 mb

Mayport (Bar Pilots Dock), FL - Return to List

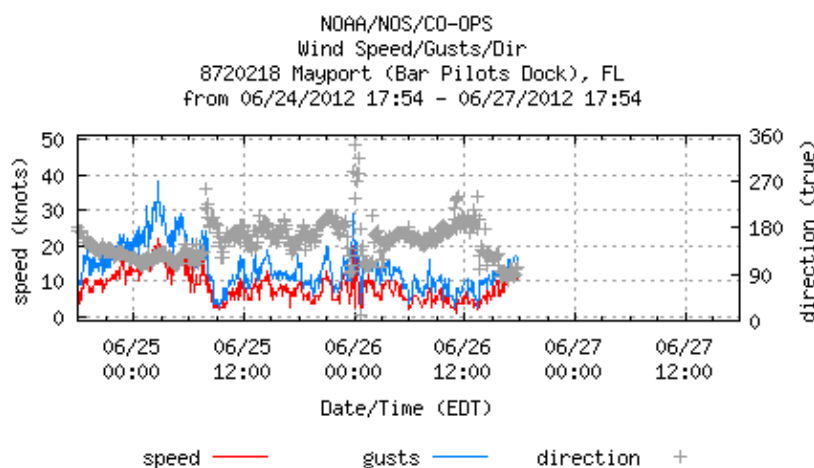


Last Observed Sample: 06/26/2012 17:42 (EDT)

Relative to MLLW: **Observed: 3.49 ft.** **Predicted: 2.13 ft.** **Residual: 1.36 ft.**

Historical Maximum Water Level: Sep 27 2004, 2.47 ft. above MHHW

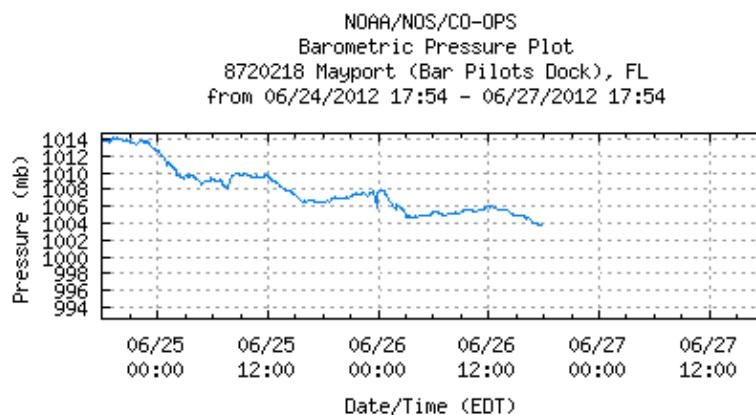
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/26/2012 17:42 (EDT)

**Wind Speed: 11 knots** **Gusts: 16 knots** **Direction: 104° T**

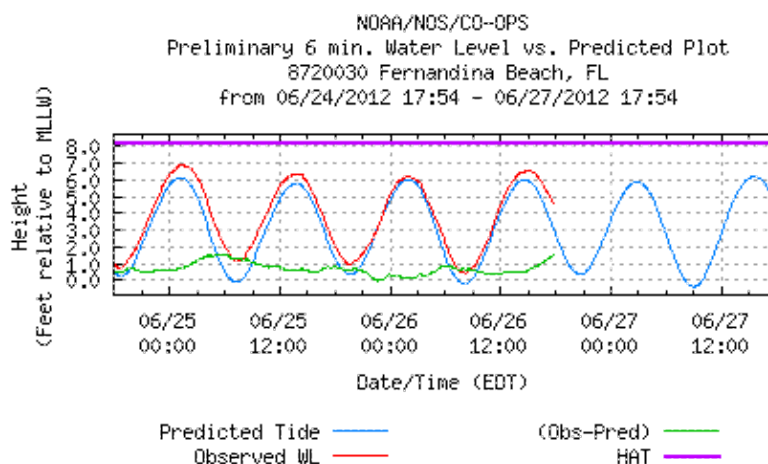
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 06/26/2012 17:42 (EDT)

Barometric Pressure: 1003.7 mb

Fernandina Beach, FL - Return to List

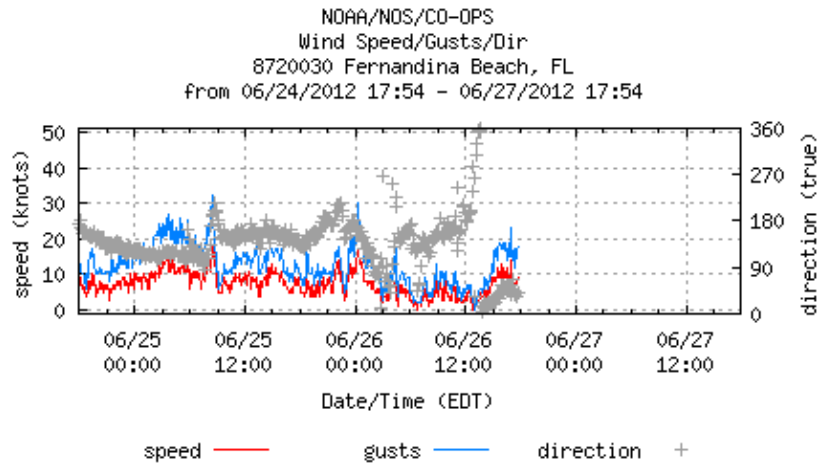


Last Observed Sample: 06/26/2012 17:42 (EDT)

Relative to MLLW: **Observed: 4.57 ft.** **Predicted: 3.09 ft.** **Residual: 1.48 ft.**

Historical Maximum Water Level: Oct 2 1898, 6.94 ft. above MHHW

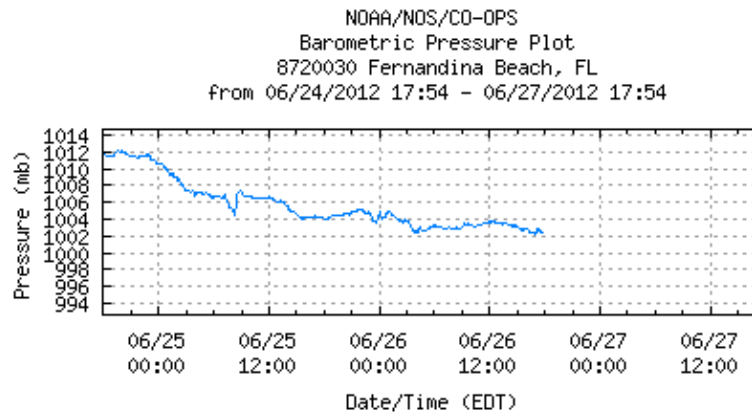
[Fernandina Beach, FL - Return to List](#)



Last Observed Sample: 06/26/2012 17:42 (EDT)

Wind Speed: 9 knots Gusts: 18 knots Direction: 39° T

[Fernandina Beach, FL - Return to List](#)

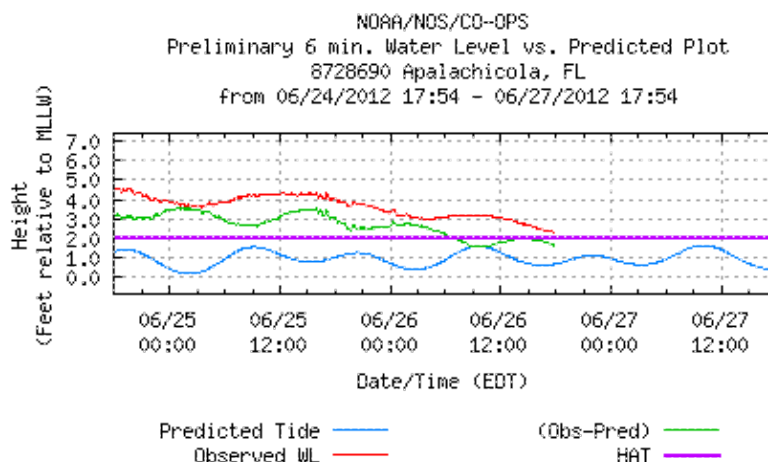


Last Observed Sample: 06/26/2012 17:42 (EDT)

Barometric Pressure: 1002.3 mb



Apalachicola, FL - Return to List

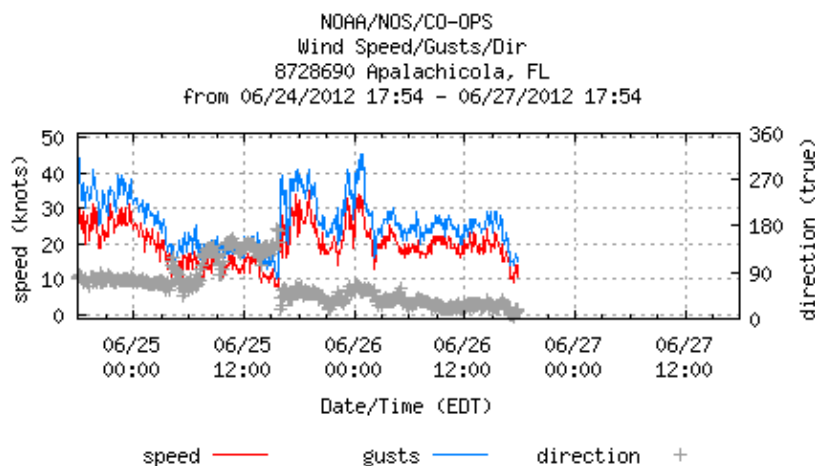


Last Observed Sample: 06/26/2012 17:48 (EDT)

Relative to MLLW: **Observed: 2.30 ft.** **Predicted: 0.66 ft.** **Residual: 1.64 ft.**

Historical Maximum Water Level: Jul 10 2005, 6.43 ft. above MHHW

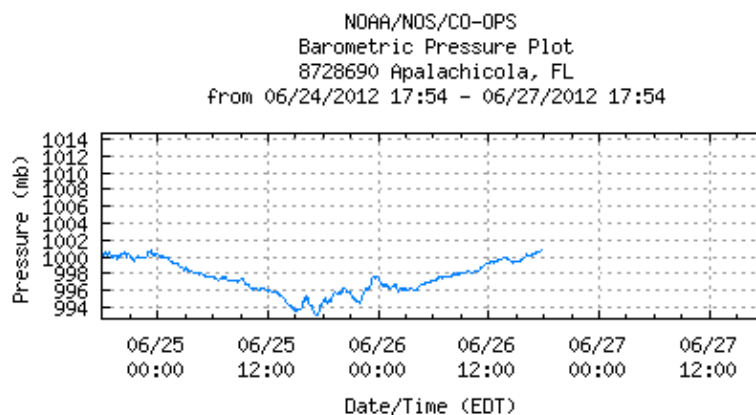
Apalachicola, FL - Return to List



Last Observed Sample: 06/26/2012 17:48 (EDT)

**Wind Speed: 14 knots** **Gusts: 16 knots** **Direction: 18° T**

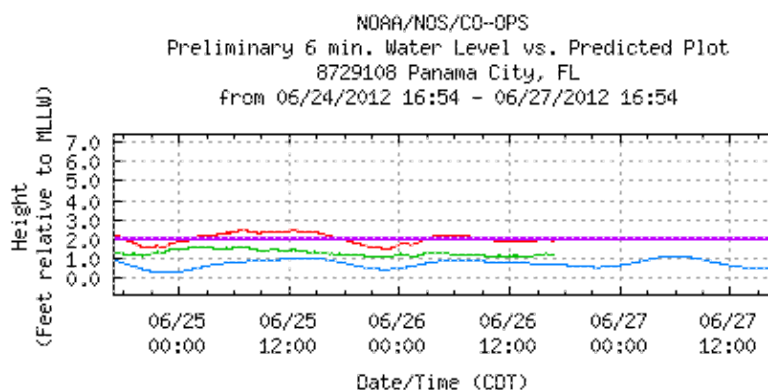
Apalachicola, FL - Return to List



Last Observed Sample: 06/26/2012 17:48 (EDT)

Barometric Pressure: 1000.7 mb

Panama City, FL - Return to List

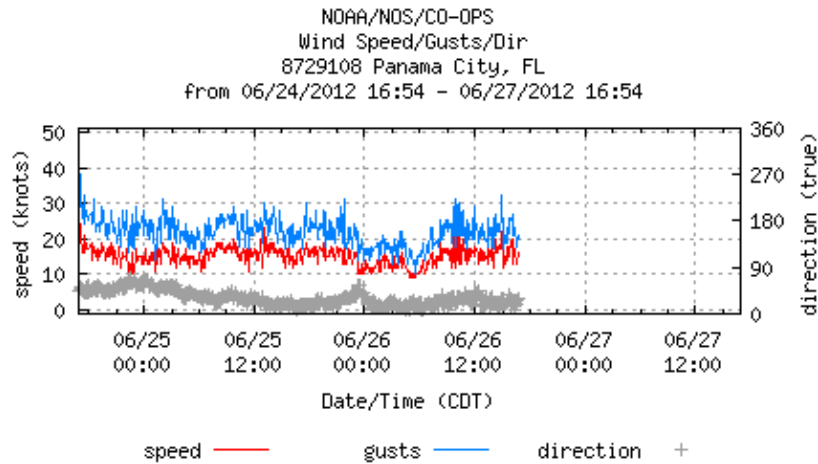


Last Observed Sample: 06/26/2012 16:42 (CDT)

Relative to MLLW: **Observed: 1.90 ft.** **Predicted: 0.71 ft.** **Residual: 1.19 ft.**

Historical Maximum Water Level: Oct 4 1995, 5.72 ft. above MHHW

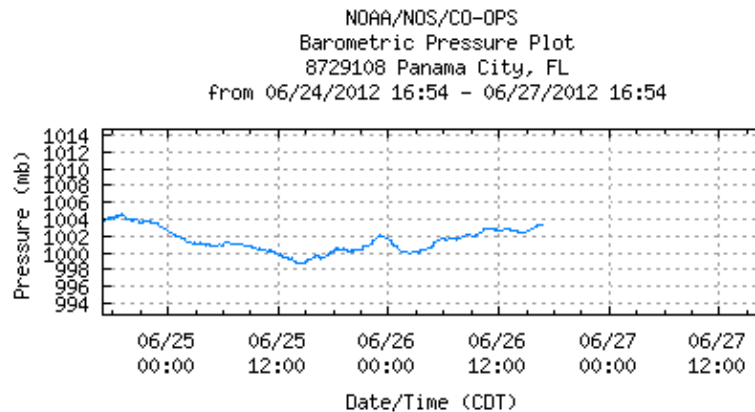
Panama City, FL - Return to List



Last Observed Sample: 06/26/2012 16:42 (CDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 29° T

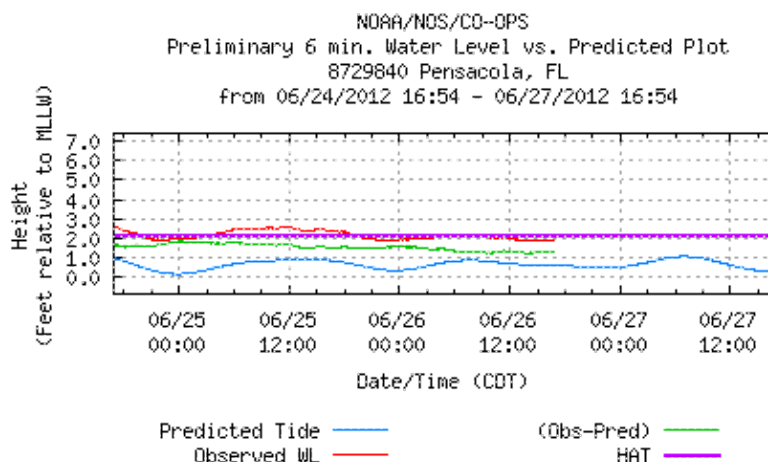
Panama City, FL - Return to List



Last Observed Sample: 06/26/2012 16:42 (CDT)

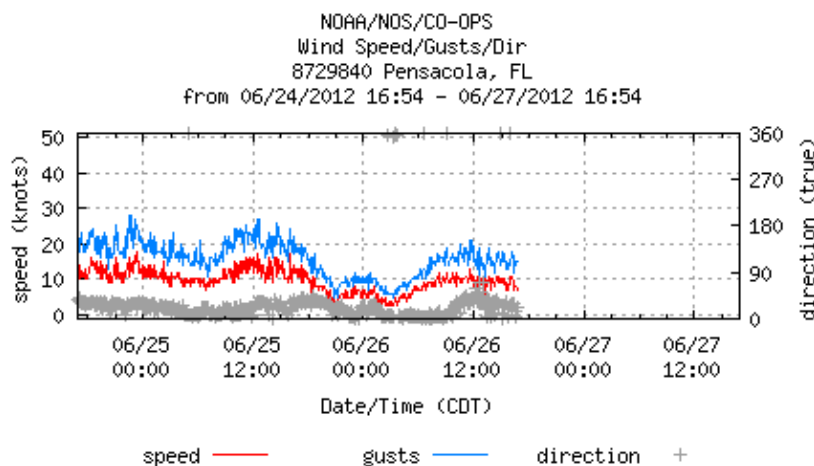
Barometric Pressure: 1003.2 mb

Pensacola, FL - Return to List



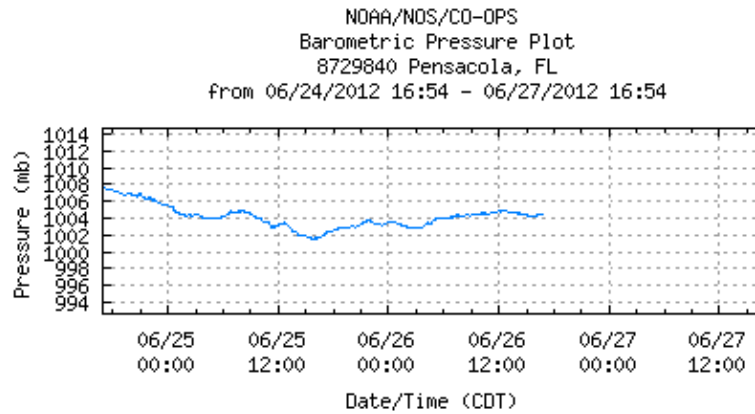
Last Observed Sample: 06/26/2012 16:42 (CDT)  
Relative to MLLW: **Observed: 1.89 ft.** **Predicted: 0.59 ft.** **Residual: 1.30 ft.**  
Historical Maximum Water Level: Sep 18 1926, 7.41 ft. above MHHW

Pensacola, FL - Return to List



Last Observed Sample: 06/26/2012 16:42 (CDT)  
**Wind Speed: 7 knots** **Gusts: 15 knots** **Direction: 24° T**

[Pensacola, FL - Return to List](#)



barometric pressure —

Last Observed Sample: 06/26/2012 16:42 (CDT)

[Barometric Pressure: 1004.4 mb](#)

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce